

Building Renewal Grant Application

Initial Submission Date: 8/21/2012 9:53:21 AM

Resubmittal Date:

Please provide as much of the requested information as possible. SFB staff will assist in developing required information that is not currently available.

District Name: Page Unified District

Superintendent: Jim Walker

Contact Person: Chad Bayles

Contact Phone Number: 928-608-4174

Contact Email: cbayles@pgeud.k12.az.us

School Site: Page Middle School

Buildings:

1001	MS Classroom
1003	Classrooms
1005	Classroom Addition

Description of Problem

Please include a detailed description of the issues, as well as a description of and a copy of any professional studies, citations or reports from government entities, recommended solutions, and any cost information or estimates. If additional space is needed, please attach.

Page Unified School District is requesting funding to replace the HVAC system at Page Middle School classroom wings. We are looking to replace 74 Command Aire water source heat pumps and eliminate the related boiler, pumps and water treatment. All of these units were manufactured in 1989. None have been replaced over the years. The reason we are asking to do this, is because they are no longer reliable. The parts for these units are no longer available. Maintenance costs have continued to increase, we have replaced numerous compressors over the last couple years and are finding it increasingly difficult to find aftermarket parts, that can be retrofitted into these units. Each time one of these units goes down, we lose an average of ten days use of the classroom, because of the difficulty in finding replacement parts. We can not maintain the minimum standards for classroom conditioning with any reliability often losing classroom time and moving students to temporary spaces.

We have researched alternatives for replacement, and believe that eliminating the water source heat pump and switching to an electric heat pump would be more economical. An engineering study may be necessary to verify that electrical and structural systems are sufficient to support the new system.

Replacement of these water source units with boiler will result in the savings of \$59,000 annually in propane costs. Additional electric use is estimated to be \$26,000 per year resulting in a net savings of over \$30,000 annually.

Project Category: HVAC

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Are any of the above-described issues in buildings or part of buildings that are leased to another entity, including a district sponsored charter school?

Available Funding

Available Funding Source	Amount
Current unencumbered building renewal fund balance (Fund 690):	\$0.00
Amount of Local funds planned for this project	\$0.00

Please outline any associated insurance coverage.

This is a building renewal replacement project, not an insurance claim

Liaison: Breuer

gbreuer@azsfb.gov

602-542-6139

Superintendent Printed Name

Superintendent Signature

Date